

OBJECTIVE EXAM

Shreya Patel (B16CS025)

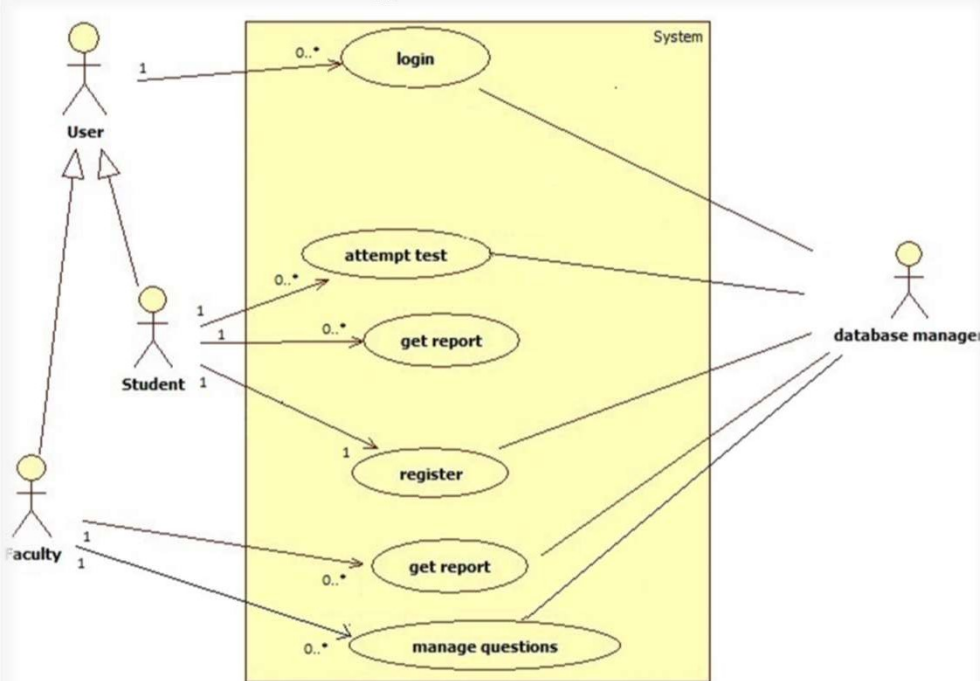
Saksham Gupta (B16CS030)

Key Features

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*****  
:WELCOME TO THE OBJECTIVE EXAM APPLICATION::  
*****  
1. Register New Student  
2. Give Test  
3. Get Student Result  
4. Professor Login  
5. EXIT  
*****  
ENTER YOUR CHOICE (1, 2, 3, 4):
```

- An objective exam portal for the students to attempt the exam of desired course.
- Students should register using his name and date of birth. He can also view his result.
- A convenient way for the faculties (Admin) to generate and manage database of questions.
- Faculty member (Admin) can also view result of the student.

Design



- MAIN USERS

- Student
- Faculty member (Admin)

- USECASES

- Login : Admin , Student
- Register : Student
- Attempt Test : Student
- View Result : Admin, Student
- Manage Questions : Admin

Database / Files

- Used '.dat' files to create the database of students and questions.
 - Students database : STUDENT.DAT
 - Questions database :
 1. ENGLISH_QUES.DAT
 2. PHYSICS_QUES.DAT
 3. CHEMISTRY_QUES.DAT
 4. MATHS_QUES.DAT
-

Things that could not be implemented

- Time constraint while attempting test.

Additional Features Implemented

- Faculty member (Admin) can edit student details.
 - He can edit number of questions to be asked for test and marks assigned to a question.
 - Assigning rank
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Unit and System Testing

- The test cases were identified to check -
 1. Functionalities of the software
 2. Whether exceptions are handled properly or not
 - NO use of any Automated tools
 - All the test cases are verified for different inputs
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Hostel Expenditure Planning

TESTING

Use cases tested

- Password Validation
 - Registration of Director
 - Group discussion
 - Add or change director
 - Personal message
 - Make plans or set goals
 - Delete any file
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Testing

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.....HOTEL EXPENDITURE PLANNER.....

Select from the following
1 -> Hotelier
2 -> Director
3 -> exit
1

Enter Your User Id
Shreya

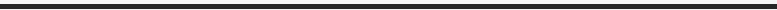
Enter Your Password
*****
```

- Identified functionalities of the software and detected activities more vulnerable to faults.
- Wrong data values were given as input to identify the errors
- 17 functions tested out of which 6 functions were incorrect
- Login functionality was not working properly.

Conclusion

- Software provides an easy assessment platform for student and faculty.
 - Well tested over all possible inputs.
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DEMO



THANK YOU

Presented by
Shreya Patel (B16CS025)
Saksham Gupta(B16CS030)
